Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**1.5 Constructing Bisectors Homework**

Directions: Place the steps for constructing an **angle bisector** in the correct order. Then, **sketch** the construction, including labels. (I bolded the word “sketch” because you will be doing this without a compass!)

A. Label the intersections of circle A with

Step 1: **C**

Step 2: \_\_\_\_\_

Step 3: \_\_\_\_\_

Step 4: \_\_\_\_\_

Step 5: \_\_\_\_\_

Step 6: \_\_\_\_\_

Step 7: \_\_\_\_\_

the rays of the angle as B and C.

B. Draw circle B: center B, radius BC.

C. Label the vertex of the angle as A.

D. Draw circle A: center A, any size radius.

E. At least one of the intersection points of

circle B and circle C lie in the angle. Label the

intersection point D.

F. Draw circle C: center C, radius CB.

G. Draw .